RETURN TO SERVICE PROCEDURE TABLE OF CONTENTS
RETURN TO CD-ROM TABLE OF CONTENTS

DrägerService®

Dräger

Field Service Procedure

Part Number: SP00239
Rev: -
Date: 28 February 2002
© 2002 Draeger Medical, Inc.

Conversion Instructions: Installation of G 15381 Conversion Kit DVE 803x

RETURN TO SERVICE PROCEDURE TABLE OF CONTENTS
RETURN TO CD-ROM TABLE OF CONTENTS

Conversion Instructions: Installation of G 15381 Conversion Kit DVE 803x

Installation Procedure

Scope:

This conversion kit is intended for use when replacing the pendant head/column adjustment screws on a DVE 803x.

Parts included in Conversion Kit (ref. Figure 7):

Quantity	Item	Part Number
2	Lock nut	G1544
2	Threaded bushing	G15643
2	Washer	1330705
2	Screw, M6 x 50	1309129

Tools required:

8 mm open end wrench
10 mm open end wrench
13 mm open end wrench
5 mm Allen key
6 ft. step ladder (maintenance/engineering to supply)

Test equipment required:

2 ft. spirit level

Installation Instructions:

NOTE: Power does not have to be removed to complete installation of kit.

1. Remove all equipment from equipment carrier prior to performing conversion.

Installation Procedure (continued)

2. Remove end cap by removing the two Phillips head screws form both sides of unit. See Figure 1.

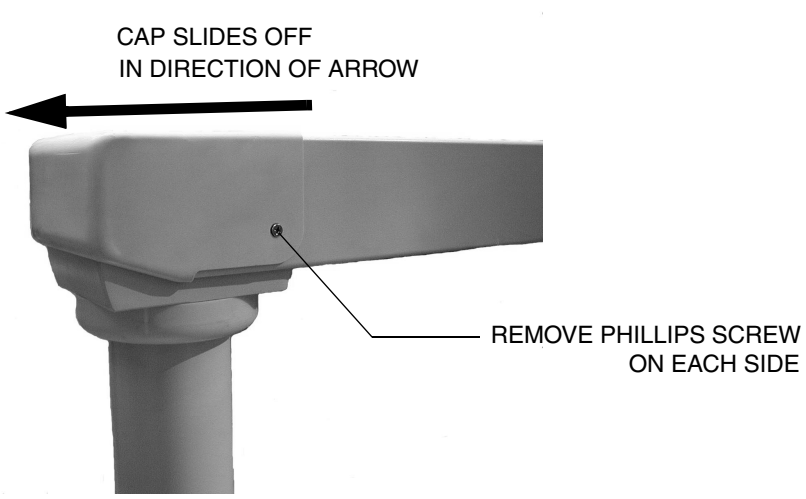

FIGURE 1. End Cap Removal

CAUTION: Remove and replace only one set of hardware at a time while performing the following steps.

3. Using a 10 mm wrench, starting with the left side hardware, loosen the two inside locking nuts. Once the nocking nuts are loose, hold them with your hand while removing the screw. Be sure to capture the loose washers so they do not fall down into the unit. See Figure 2.

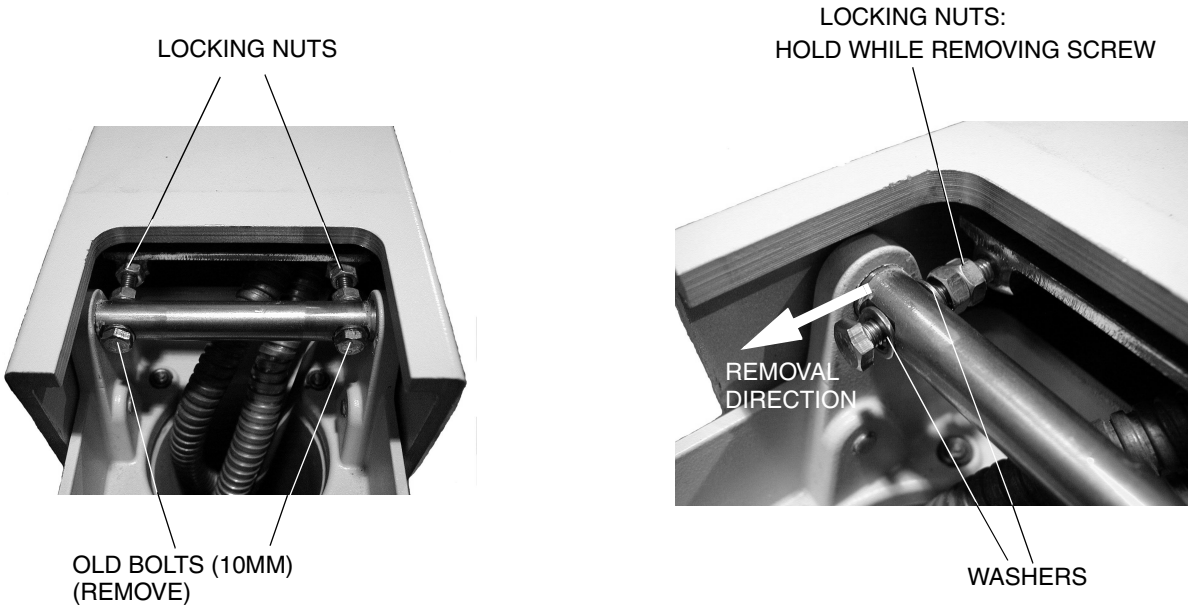

FIGURE 2. Old Hardware Removal

Installation Procedure (continued)

4. Assemble the threaded bushing and nut as shown in Figure 3.

FIGURE 3. Bushing/Nut Assembly

5. Place a washer on the adjusting screw and install it in the pivot pin - and through the bushing/nut assembly as shown in Figure 4. thread the screw into the mounting hole until snug. Pay special attention to orientation of the bushing/nut assembly.

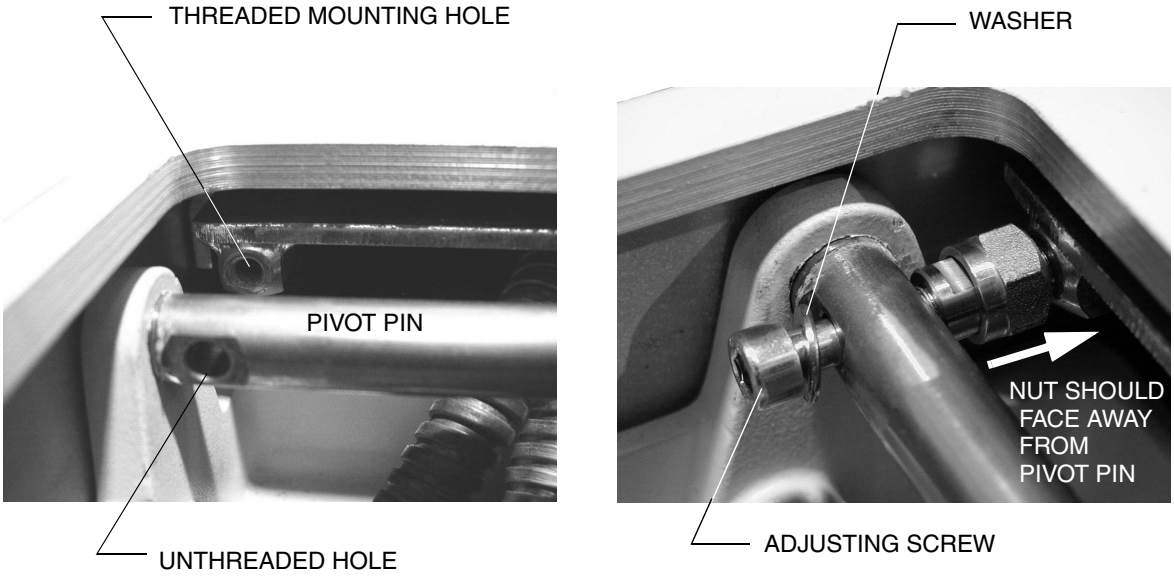

FIGURE 4. New Hardware Assembly

6. Repeat Steps 3 thru 5 to install the remaining hardware at the other end of the pivot pin.

Installation Procedure (continued)

Adjustment & Final Assembly:

7. Reinstall all equipment previously removed from the carrier, or use an approximate weight of 40 kg (88 lbs) for the leveling procedure.

   Orient the equipment carrier in the same direction as the arm. Set the spirit level on the flat surface - oriented in the same direction as the arm. See Figure 5.

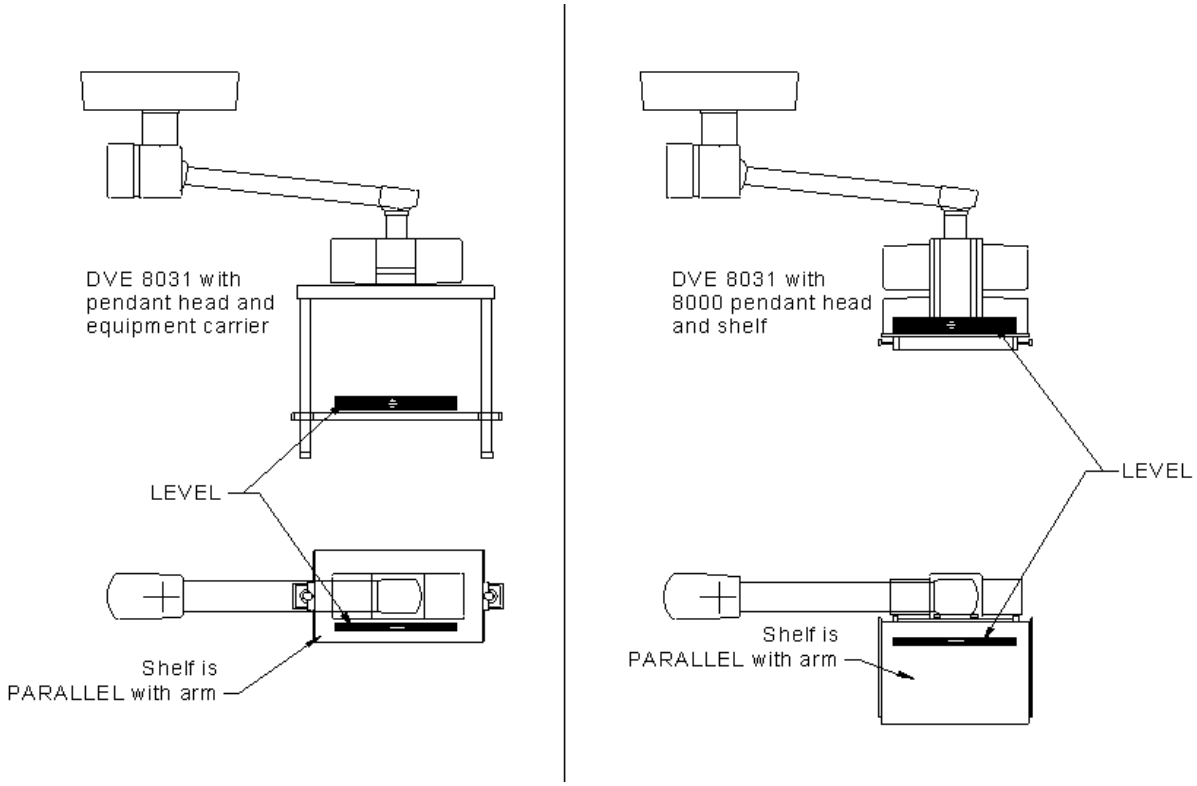

FIGURE 5. Leveling Setup

8. Tighten both adjusting screws (ref. Figure 4) until the carrier is level.

Installation Procedure (continued)

9. Tighten each bushing/nut assembly (Figure 6) to lock in alignment of the pendant head.

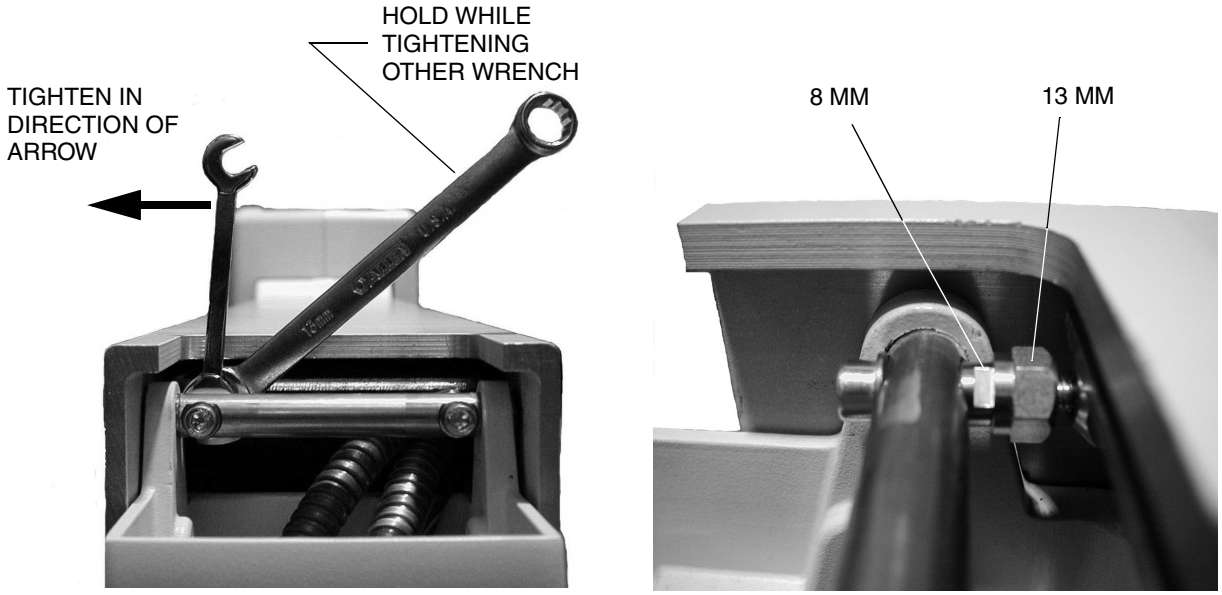

FIGURE 6. Bushing Adjustment

10. Reinstall the end cap. Refer to Figure 1.

11. Installation of conversion kit is now complete. Supply unit to customer ready to use.

Installation Procedure (continued)

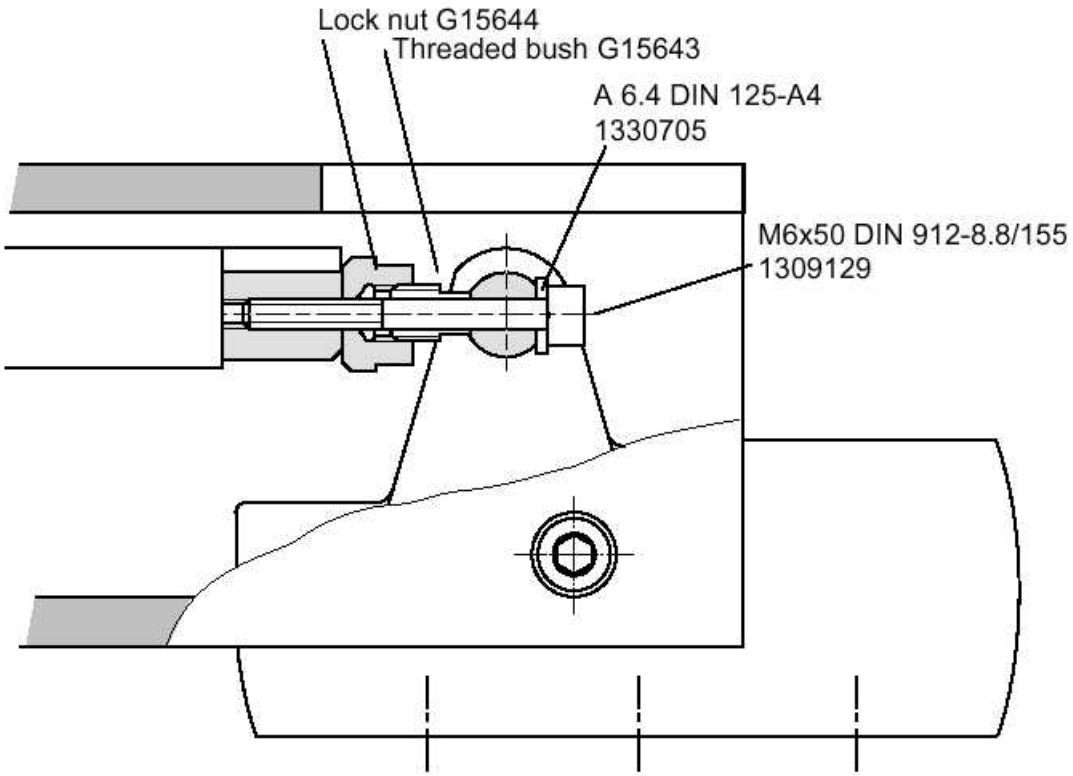

FIGURE 7. Reference Diagram: New Parts and Locations

RETURN TO SERVICE PROCEDURE TABLE OF CONTENTS
RETURN TO CD-ROM TABLE OF CONTENTS

RETURN TO SERVICE PROCEDURE TABLE OF CONTENTS
RETURN TO CD-ROM TABLE OF CONTENTS

DrägerService®

Dräger

DrägerService is a division of
Draeger Medical, Inc.
3122 Commerce Drive
Telford, PA 18969
Tel: (215) 721-5402
(800) 543-5047
Fax: (215) 721-5784
Web: www.draegermedical.com
Printed in the U.S.A.